

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 October 2004 (14.10.2004)

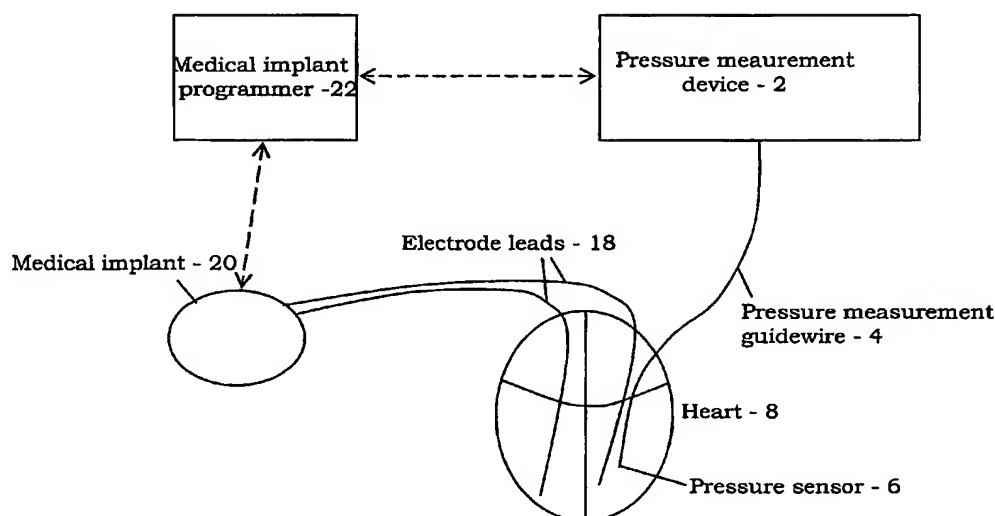
PCT

(10) International Publication Number
WO 2004/087238 A1

- (51) International Patent Classification⁷: **A61M 1/36**, (74) Agent: **DR LUDWIG BRANN PATENTBYRÅ AB**; P.O. Box 17192, S-104 62 Stockholm (SE).
A61N 1/362, 1/39
- (21) International Application Number: **PCT/SE2004/000289**
- (22) International Filing Date: **3 March 2004 (03.03.2004)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
0300919-8 31 March 2003 (31.03.2003) SE
60/458,394 31 March 2003 (31.03.2003) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: **METHOD AND DEVICE IN CONNECTION WITH PRESSURE MEASUREMENT**



(57) Abstract: Pressure measurement device (2) including a pressure sensor (6) adapted to perform pressure measurements in the left ventricle of a heart (8). The sensor is connected to a measurement unit (10) to receive pressure measurement values obtained from the sensor, and to a processing means (12) for determining a set of pressure values, said processing means then determines a set of first order time derivative values determined from the set of pressure values. The said processing means also calculates a value of a predefined parameter of the set of first order time derivative values during said measurement period, the predefined parameter is the average or median value of the maximum value of the set of first order time derivative values, wherein the pressure measurements are performed during measurement periods using predetermined medical implant settings in a medical implant (20) controlling the application of stimulation pulses at least in the left and right ventricles of the heart, and that the implant setting include a first time difference 1 being the time between stimulations in the left and right ventricles.



Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*

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